

[54] **BIAXIALLY STRETCHED POLYESTER FILM
FOR FORMING CONTAINER AND METHOD
OF PRODUCING THE FILM**

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[56] **References Cited**

U.S. PATENT DOCUMENTS

3,683,060	8/1972	Tanabe et al.	264/289
5,106,681	4/1992	Endo et al.	428/323
5,337,174	8/1994	Wada et al.	359/73
5,698,309	12/1997	Dallmann et al.	428/323
5,783,120	7/1998	Ouder Kirk et al.	264/1.34

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[57] **ABSTRACT**

A biaxially stretched polyester film for forming a container, characterized by being formed of a polyester substantially consisting of an ethylene terephthalate unit and an ethylene naphthalate unit, the refractive index in the direction of thickness of the film being 1.5 or greater. This film is not only excellent in the formability during formation into cans or the like, but has excellent properties in taste property, particularly, the taste property after the retorting, and may be suitably used for containers produced by forming process and, particularly, for metallic cans.

21 Claims, No Drawings

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